Chatara Hospital

AUTO LEANS EDGER TECHNICAL SPECIFICATION

S.N.	Technical Specification		Bidder's Proposed Specifications (yes/No)	Deviation If Any
	Manufacturer			
	Brand			
	Type / Model			
	Country of Origin			
1	**Description of Function**			
1.1	Auto Lens Edger is a throughput-tier optical lab edging machine engineered with a 3rd generation mainboard, automatic pressurization, and a specialized Automatic Emendation System that calibrates upon startup to ensure highly uniform left and right lens sizes.			
2	**Compatible Lens Materials**			
2.1	CR (Plastic), Glass, and Polycarbonate (PC)			
3	**Available Lens Range**			
3.1	Diameter of 22 mm to 100 mm			
4	**Processing Profiles**			
4.1	Pointy edges (V-beveling), platband (flat edge), and bevel polishing			
5	**Measurement Adjustment Range**			
5.1	-6.0 mm to +6.0 mm (adjustable in steps of 0.05 mm)			
6	**Power Supply**			
6.1	AC 220V±10% / 110V±10%; 50Hz / 60Hz			
7	**Power Consumption**			
7.1	500 W peak operational draw, available at AC 220V ±10%			
8	**Machine Dimensions**			
8.1	At least 530 (L) × 500 (W) × 400 (H) mm			
9.0	**Diamond Grinding Wheel Configurations**			
9.1	PC Wheel: 100 mm diameter × 16 mm width			
9.2	Glass Wheel: 100 mm diameter × 14 mm width			
9.3	V-Groove Wheel: 100 mm diameter × 23 mm width			
9.4	Bevel Polishing Wheel: 100 mm diameter × 19 mm width			
14	**Operating Environment**			
14.1	The product offered shall be designed to be installed and to operate normally under the conditions of the purchaser's site. The conditions include Power Supply, Climate, Temperature, Humidity, etc.			
14.2	Power supply: single Phase, AC 220V±10% / 110V±10%; 50Hz / 60Hz			
15	**Standards and Safety Requirements**			
15.1	The bidder must submit ISO 13485 OR ISO 9001:2015			
15.2	The bidder must submit CE approved certificate for product.			
16	**User Training**			
16.1	Must provide user training (including how to use and maintain the equipment).			
17	**Warranty**			
17.1	Comprehensive warranty for 1 year.			
18	**Maintenance Service during Warranty Period**			
18.1	During warranty period supplier must ensure preventive maintenance and corrective/breakdown maintenance whenever required.			
19	**Installation and Commissioning**			
19.1	The bidder must arrange for the equipment to be installed and commissioned by certified or qualified personnel; any prerequisites for installation to be communicated to the purchaser in advance, in detail.			
19.2	All the civil,mechanical and electrical works should be done by Bidder's during installation.			
20	**Documentation**			
20.1	User (Operating) manual in English.			
20.2	Service (Technical / Maintenance) manual in English.			
20.2	Bidder must submit the certificate of inspection and calibration from the manufacturing company.			

Companey Stamp/ Signature